GENESIS® SILVER–A

Gas Grill

Owners Guide

⚠ DANGER

If you smell gas:

1. **Shut off gas to the appliance.**
2. **Extinguish any open flames.**
3. **Open lid**
4. **If odor continues, keep away from the appliance and immediately call your gas supplier or your fire department.**

Leaking gas may cause a fire or explosion which can cause serious bodily injury or death, or damage to property.

⚠ WARNING

1. **Do not store spare liquid propane cylinder within 10 feet (3m) of this appliance.**
2. **Do not store or use gasoline or other flammable liquids or vapors within 25 feet (8m) of this appliance.**

⚠ WARNING: Follow all leak-check procedures carefully in this manual prior to barbecue operation. Do this even if the barbecue was dealer-assembled.

NOTICE TO INSTALLER: These instructions must be left with the owner and the owner should keep them for future use.

THIS GAS APPLIANCE IS DESIGNED FOR OUTDOOR USE ONLY.

⚠ WARNING: Do not try to light this appliance without reading the "Lighting" Instructions section of this manual

Liquid Propane Gas

YOU MUST READ THIS OWNERS GUIDE BEFORE OPERATING YOUR GAS GRILL

A019.b
B001.c
C001.b
D004.c

MEMBER NPGA National PROPANE GAS Association

DESIGN AMERICAN GAS ASSOCIATION CERTIFIED

55157 04/17/00

⚠ DANGER

Failure to follow the Dangers, Warnings and Cautions contained in this Owner's Manual may result in serious bodily injury or death, or in a fire or an explosion causing damage to property.

⚠ WARNINGS

⚠ Do not store a spare or disconnected liquid propane cylinder under or near this barbecue.
⚠ Improper assembly may be dangerous. Please carefully follow the assembly instructions in this manual.
⚠ After a period of storage, and/or nonuse, the Weber Gas Barbecue should be checked for gas leaks and burner obstructions before use. See instructions in this manual for correct procedures.
⚠ Do not operate the Weber gas barbecue if there is a gas leak present.
⚠ Do not use a flame to check for gas leaks.
⚠ Combustible materials should never be within 24 inches of the top, bottom, back or sides of your Weber gas barbecue.
⚠ Do not put a barbecue cover or anything flammable on, or in the storage area under the barbecue.
⚠ Your Weber Gas Barbecue should never be used by children. Accessible parts of the barbecue may be very hot. Keep young children away while it is in use.
⚠ You should exercise reasonable care when operating your Weber gas barbecue. It will be hot during cooking or cleaning and should never be left unattended, or moved while in operation.
⚠ Should the burners go out while in operation, turn all gas valves off. Open the lid and wait five minutes before attempting to relight, using the lighting instructions.
⚠ Do not use charcoal or lava rock in your Weber gas barbecue.
⚠ Never lean over open grill or place hands or fingers on the front edge of the cooking box.
⚠ Should a grease fire occur, turn off all burners and leave lid closed until fire is out.
⚠ Do not enlarge valve orifices or burner ports when cleaning the valves or burners.
⚠ The Weber Gas Barbecue should be thoroughly cleaned on a regular basis.
⚠ Liquid propane gas is not natural gas. The conversion or attempted use of natural gas in a liquid propane unit or liquid propane gas in a natural gas unit is dangerous and will void your warranty.
⚠ Do not attempt to disconnect any gas fitting while your barbecue is in operation.
⚠ Use heat-resistant barbecue mitts or gloves when operating barbecue.

LIQUID PROPANE GAS UNITS ONLY:
⚠ Use the regulator that is supplied with your Weber Gas Barbecue.
⚠ Do not attempt to disconnect the gas regulator or any gas fitting while your barbecue is in operation.
⚠ A dented or rusty liquid propane cylinder may be hazardous and should be checked by your liquid propane supplier. Do not use a liquid propane cylinder with a damaged valve.
⚠ Although your liquid propane cylinder may appear to be empty, gas may still be present, and the cylinder should be transported and stored accordingly.
⚠ If you see, smell or hear the hiss of escaping gas from the liquid propane cylinder:

1. **Move away from liquid propane cylinder.**
2. **Do not attempt to correct the problem yourself.**
3. **Call your fire department.**

Warranty

Weber-Stephen Products Co. (Weber) hereby warrants to the ORIGINAL PURCHASER of this Weber Gas Grill that it will be free of defects in material and workmanship from the date of purchase as follows:

Aluminum Castings,	lifetime, 1 year paint
Porcelain Hood Section,	25 years
Burners,	10 years
Igniter,	3 years
Cooking Grates,	7 years no rust through
Flavorizer Bars,	1 year no rust through
Thermoplastic/ Thermoset Parts,	10 years Excluding fading
All Remaining Parts,	5 years

when assembled and operated in accordance with the printed instructions accompanying it.
Weber may require reasonable proof of your date of purchase. THEREFORE, YOU SHOULD RETAIN YOUR SALES SLIP OR INVOICE.
This Limited Warranty shall be limited to the repair or replacement of parts that prove defective under normal use and service and which on examination shall indicate, to Weber's satisfaction, they are defective. Before returning any parts, contact the Customer service representative in your region using the contact information sheet provided with your manual. If Weber confirms the defect and approves the claim, Weber will elect to replace such parts without charge. If you are required to return defective parts, transportation charges must be prepaid. Weber will return parts to the purchaser, freight or postage prepaid.
This Limited Warranty does not cover any failures or operating difficulties due to accident, abuse, misuse, alteration, misapplication, vandalism, improper installation or improper maintenance or service, or failure to perform normal and routine maintenance, including but not limited to damage caused by insects within the burner tubes, as set out in this owner's manual.
Deterioration or damage due to severe weather conditions such as hail, hurricanes, earthquakes or tornadoes, discoloration due to exposure to chemicals either directly or in the atmosphere, is not covered by this Limited Warranty.

There are no other express warrants except as set forth herein and any applicable implied warranties of merchantability and fitness are limited in duration to the period of coverage of this express written Limited Warranty. Some regions do not allow limitation on how long an implied warranty lasts, so this limitation may not apply to you.
Weber is not liable for any special, indirect or consequential damages. Some regions do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.
Weber does not authorize any person or company to assume for it any other obligation or liability in connection with the sale, installation, use, removal, return, or replacement of its equipment; and no such representations are binding on Weber.
This Warranty applies only to products sold at retail.

WEBER-STEPHEN PRODUCTS CO.
Customer Service Center
250 South Hicks Road
Palatine, IL 60067-6241
USA

LP Cylinder
The LP cylinder manufacturer is responsible for the materials, workmanship and performance of the cylinder. If the cylinder has a defect, malfunctions, or you have a question regarding the cylinder, call the cylinder manufacturer's customer service center. The phone number is on the warning decal, which is permanently attached to the cylinder. If the cylinder manufacturer has not resolved the issue to your satisfaction, then call Weber-Stephen Products Co., Customer Service Center.

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General Instructions

Your Weber Gas Barbecue is a portable outdoor cooking appliance. With the Weber Gas Barbecue you can grill, barbecue, roast and bake with results that are difficult to duplicate with indoor kitchen appliances. The closed lid and Flavorizer® Bars produce that "outdoor" flavor in the food.

The Weber Gas Barbecue is portable so you can easily change its location in your yard or on your patio. Portability means you can take your Weber Gas Barbecue with, if you move.

Liquid Propane (LP) gas supply is easy to use and gives you more cooking control than charcoal fuel.

- These instructions will give you the minimum requirements for assembling your Weber Gas Barbecue. Please read the instructions carefully before using your Weber Gas Barbecue. Improper assembly can be dangerous.
- Not for use by children.
- If there are local codes that apply to portable gas grills, you will have to conform to them. If there are no local codes, you must conform to the latest edition of the National Fuel Gas Code: ANSI Z 223.1.
- The pressure regulator supplied with the Weber Gas Barbecue must be used. This regulator is set for 10.5 inches of water column (pressure).
- This Weber Gas Barbecue is designed for use with liquid propane (LP) gas only. Do not use with natural (piped in city) gas. The valves, orifices, hose and regulator are for LP gas only.
- Do not use with charcoal fuel.
- Check that the area under the control panel and the bottom tray are free from debris that might obstruct the flow of combustion or ventilation air.
- The areas around the LP cylinder must be free and clear from debris.

For Installation in Canada

These instructions, while generally acceptable, do not necessarily comply with the Canadian Installation codes, particularly with piping above and below ground. In Canada the installation of this appliance must comply with local codes and/or Standard CAN/CGA-B149.2 (Installation Code for Propane Burning Appliances and Equipment).

Storage

- The gas must be turned OFF at the LP cylinder when the Weber Gas Barbecue is not in use.
- When the Weber Gas Barbecue is stored indoors, the gas supply must be disconnected and the LP cylinder stored outdoors in a well-ventilated space.
- LP cylinders must be stored outdoors in a well-ventilated area out of the reach of children. Disconnected LP cylinders must not be stored in a building, garage or any other enclosed area.
- When the LP cylinder is not disconnected from the Weber Gas Barbecue, the appliance and LP cylinder must be kept outdoors in a well-ventilated space.

Operating

⚠ WARNING: Only use this barbecue outdoors in a well-ventilated area. Do not use in a garage, building, breezeway or any other enclosed area.

⚠ WARNING: Never use your Weber Gas Barbecue under an unprotected combustible roof or overhang.

⚠ WARNING: Your Weber Gas Barbecue is not intended to be installed in or on recreational vehicles and/or boats.

⚠ WARNING: Do not use combustible materials within 24 inches of the top, bottom, back or sides of the grill.

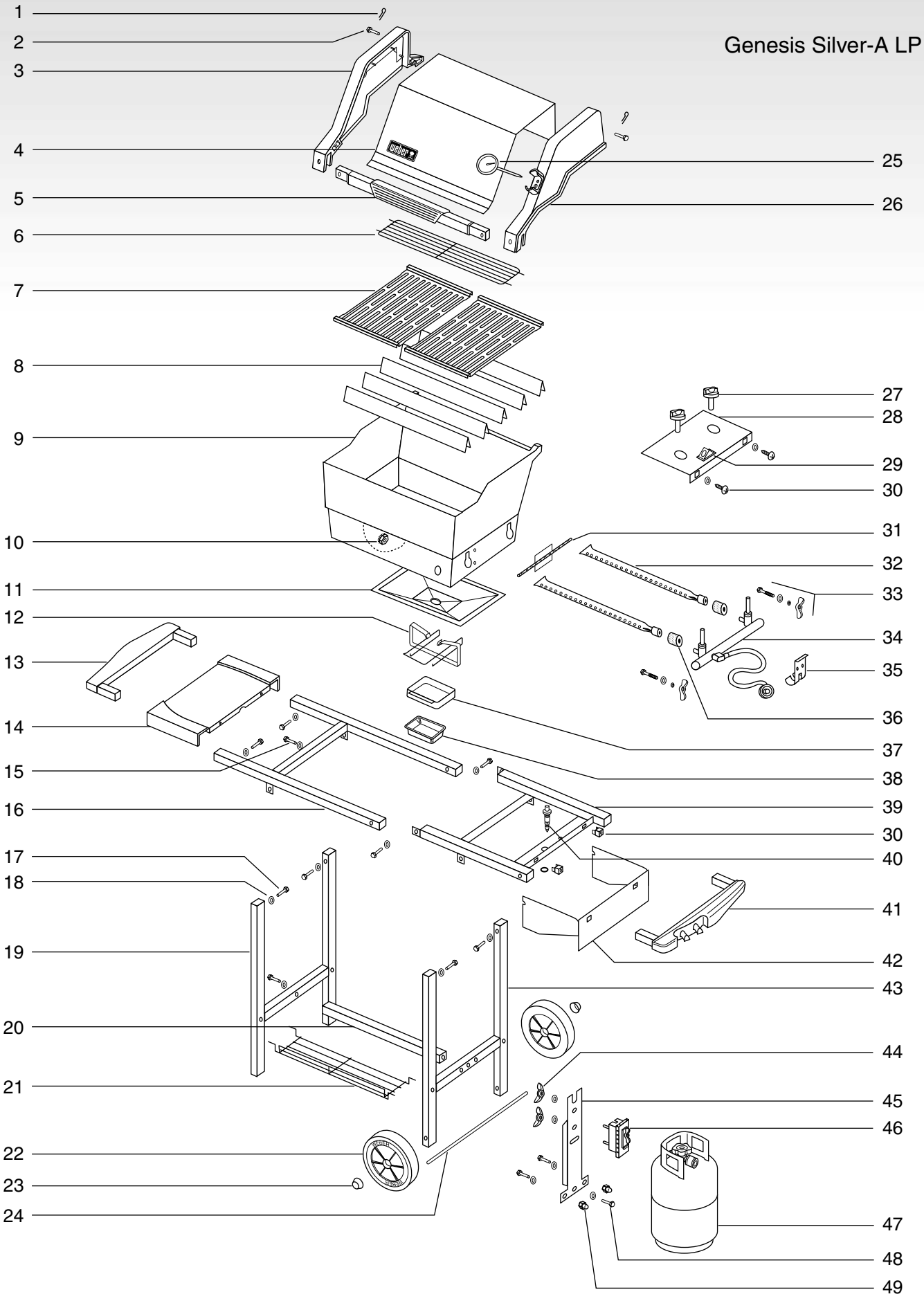
⚠ WARNING: The entire cooking box gets hot when in use. Do not leave unattended.

⚠ WARNING: Keep any electrical supply cord and the fuel supply hose away from any heated surface.

⚠ WARNING: Keep the cooking area clear of flammable vapors and liquids such as gasoline, alcohol, etc., and combustible materials.

⚠ WARNING: Never store an extra (spare) LP cylinder under or near the Weber Gas Barbecue.

Genesis Silver-A LP



1. Hair Pin Cotter
2. Hinge Pin
3. Left Endcap
4. Shroud
5. Handle
6. Warming Rack
7. Cooking Grates
8. Flavorizer Bars
9. Cooking Box
10. 1/4-20 keps nut
11. Slide Out Bottom Tray
12. Catch pan holder
13. Left Trim Piece
14. Work Surface
15. 1/4-20 x 2 inch bolt
16. Left Frame
17. 1/4-20 x 1/2 inch bolt
18. Nylon Washer
19. Leg Frame
20. Frame Connector
21. Bottom Shelf
22. Wheels
23. Hubcaps
24. Axle Rod
25. Thermometer
26. Right Endcap
27. Burner Control Knobs
28. Control Panel
29. Ignitor Button
30. Control Panel Hardware
31. Crossover tube
32. Back Burner
33. Manifold Hardware
34. Manifold, Hose and regulator (assembled)
35. Manifold Support Bracket
36. Spider Stopper Guards
37. Catch Pan
38. Disposable Drip Pan
39. Right Frame
40. Igniter
41. Right Trim Piece
42. Wrap-around Trim Piece
43. Wheel Frame
44. Wing Nuts
45. Cylinder Panel
46. Fuel Guage
47. Liquid Propane Cylinder
48. 1/4-20 x 1 3/4 bolt
49. Cylinder Glides

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You will need:

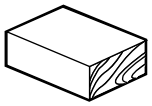
Screwdriver

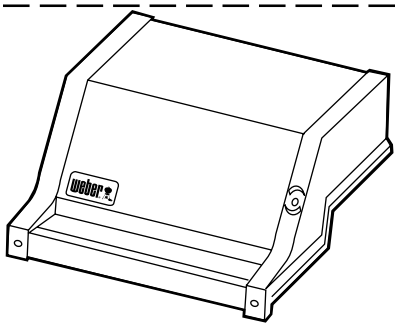
Phillips screwdriver

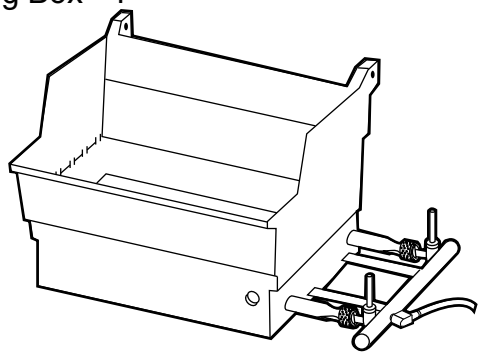
Hammer

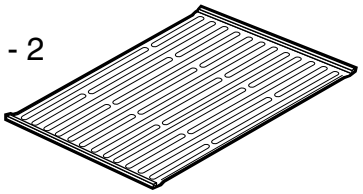
7/16 open-end or an adjustable wrench

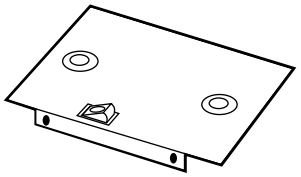
Pliers

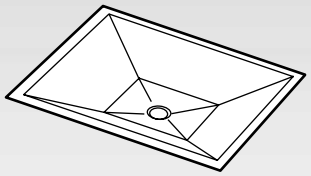
Block of wood 

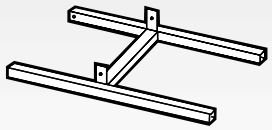
Lid - 1 

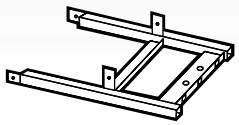
Cooking Box - 1 

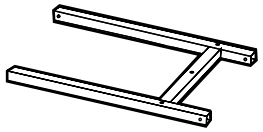
Cooking grates - 2 

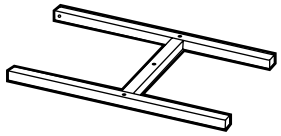
Control panel - 1 

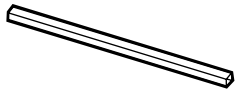
Bottom tray - 1 

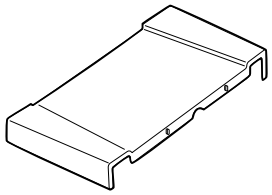
Left Frame - 1 

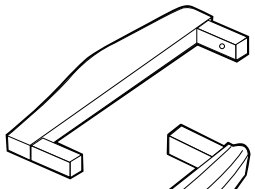
Right Frame -1 

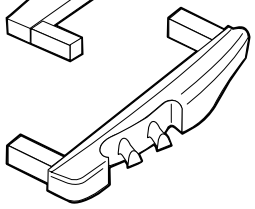
Wheel Frame - 1 

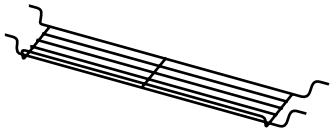
Leg Frame - 1 

Frame Connectors - 1 

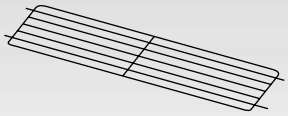
Work Surface - 1 

Left trim piece - 1 

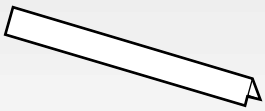
Right Trim Piece - 1 

Bottom Shelf - 1 

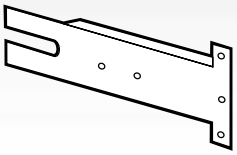
Warming Rack - 1



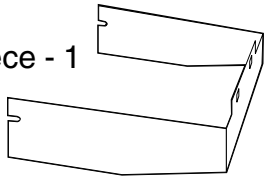
Flavorizer Bars - 5



Cylinder Panel - 1



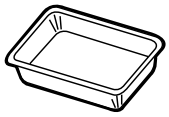
Wrap-Around Trim Piece - 1



Catch Pan Holder - 1

Catch-Pan - 1

Disposable Drip Pans - 2

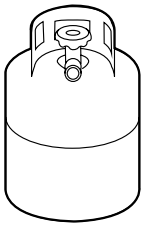


Thermometer - 1

Fuel Guage - 1

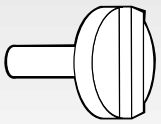
Wheels - 2

Liquid Propane Cylinder - 1

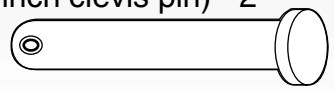


Manifold Support Bracket - 1

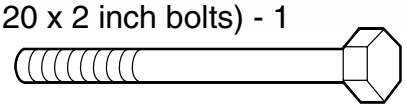
Burner Control Knobs - 2



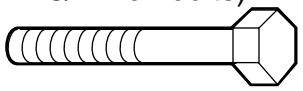
Hinge Pins (1/4 x 1 1/2 inch clevis pin) - 2



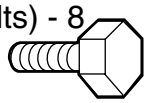
2 inch bolts (1/4 x 20 x 2 inch bolts) - 1



1 3/4 inch bolts (1/4 x 20 x 1 3/4 inch bolts) - 4



1/2 inch bolts (1/4 x 20 x 1/2 inch bolts) - 8



Keps Nut (1/4 x 20 Keps Nut) - 1

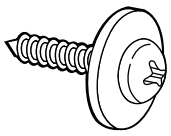
Wing Nut (1/4 x 20 Wing Nut) - 2

Nylon Washers - 13

Hair Pin Cotter - 2

Hubcaps - 3

Control Panel Hardware
(Phillips screws/washers) - 2



Cylinder Glides - 2

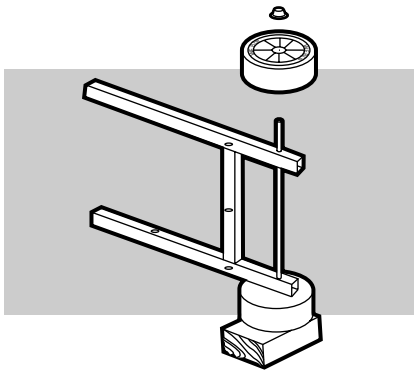
Tubing Plugs - 2

Assembly Instructions

Assemble wheel frame

You will need: axle rod, two wheel hubcaps, two wheels, wheel frame, hammer and a block of wood.

Place one end of the axle rod on the block of wood (or other protected surface). Tap one hubcap onto the end of the axle rod. Slide one wheel onto the axle, WEBER name facing out. Next, slide the other end of the axle rod through the wheel frame. Add the other wheel, WEBER name side facing out. Tap the hubcap onto the axle rod to complete the axle.



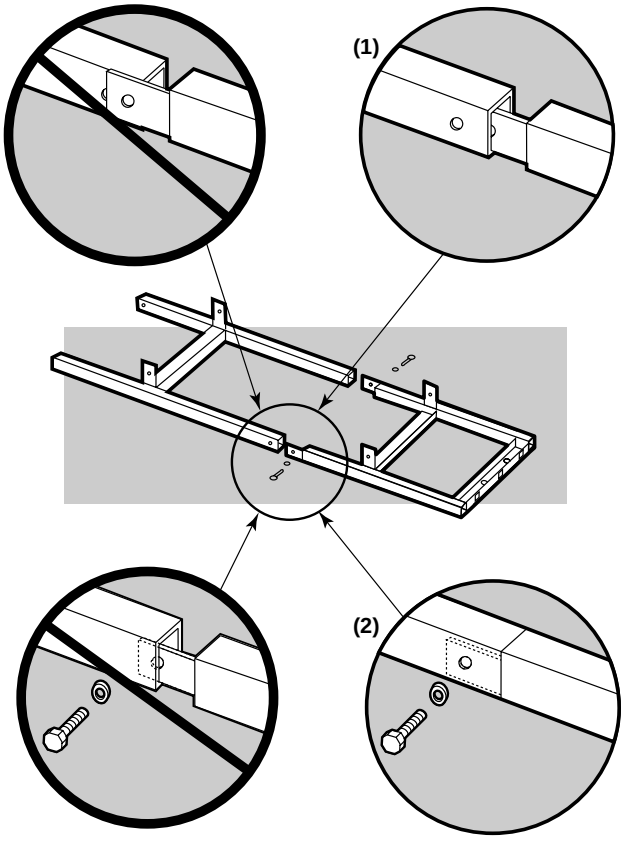
Assemble frame

You will need: left frame, right frame, two 1/2 inch bolts, two nylon washers and a 7/16 inch or adjustable wrench.

Note - Work on carpeted area (on grass or one of the boxes) to protect the finish during frame assembly.

Lay the leg frame pieces as shown so the leg tabs point up.

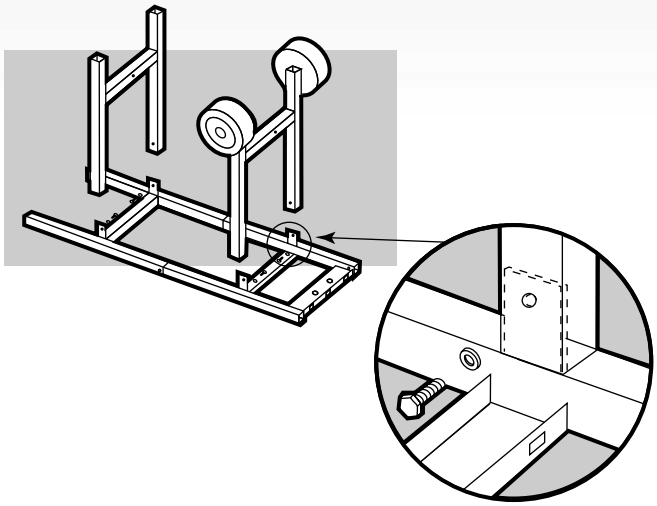
1) Connect the two frame pieces with the tabs inside of the frame.
2) Slip washers on bolts, then insert bolts as shown and tighten. (If you try to insert a bolt and there is no hole, you have the left frame turned the wrong way. Turn the left frame around.)



Continue frame assembly

You will need: leg frame, wheel frame, four 1/2 inch bolts, four nylon washers and a 7/16 inch or adjustable wrench.

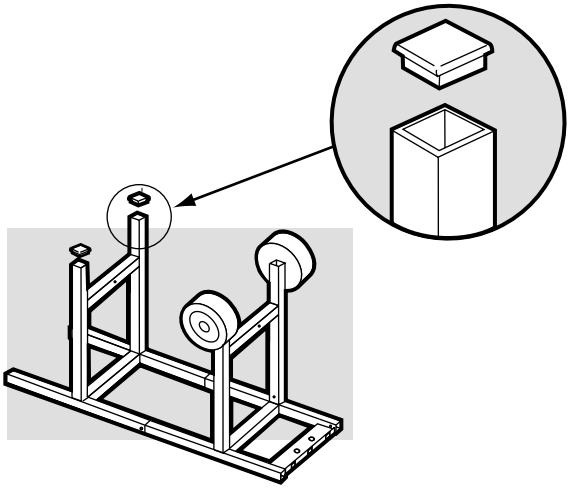
Place the leg frame onto the tabs of the left frame.
Place the wheel frame onto the tabs of the right frame.
The leg tabs must be on the inside of the frames.
Add the washers to the bolts. Insert the bolts into the holes as shown, **do not tighten bolts on wheel frame until a later step.**



Install tubing plugs

You will need: two tubing plugs and a hammer.

Insert tubing plugs into the ends of the leg frame. To fully seat the plugs, you may have to tap them lightly with a hammer.



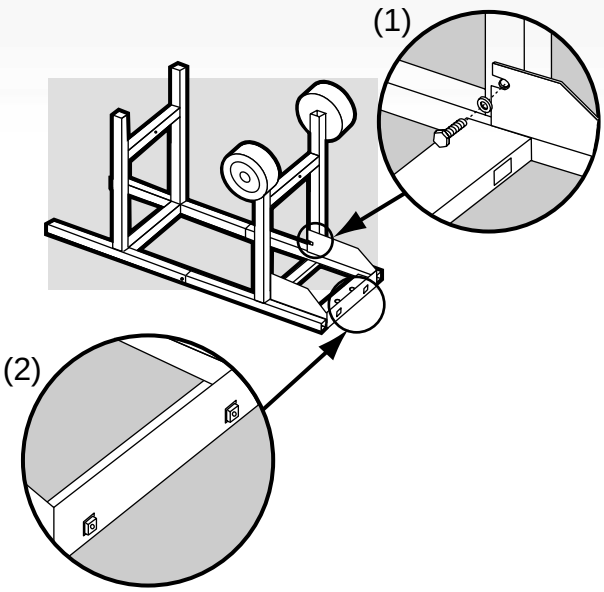
Add Wrap-around Frame Panel

You will need: wrap around frame panel and a wrench.

Place wrap-around frame panel in place:

1) The cut-out tabs should fit between the washer and the frame, as shown.
2) The square cut-out holes fit around the white plugs in the frame as shown

Tighten Bolts with wrench.
Turn the frame over and continue with assembly.

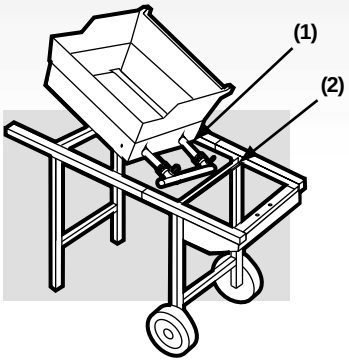


Add cooking box (assembly)

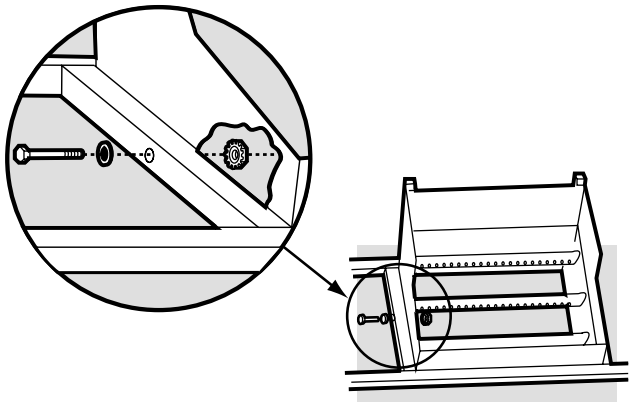
You will need: frame assembly, cooking box (assembly), 2 inch bolt, nylon washer, keps nut, pliers and a 7/16 inch or adjustable wrench.

Uncoil the hose.

Place the cooking box (assembly) in the frame assembly so the burner tubes(1) are under the frame brace(2).



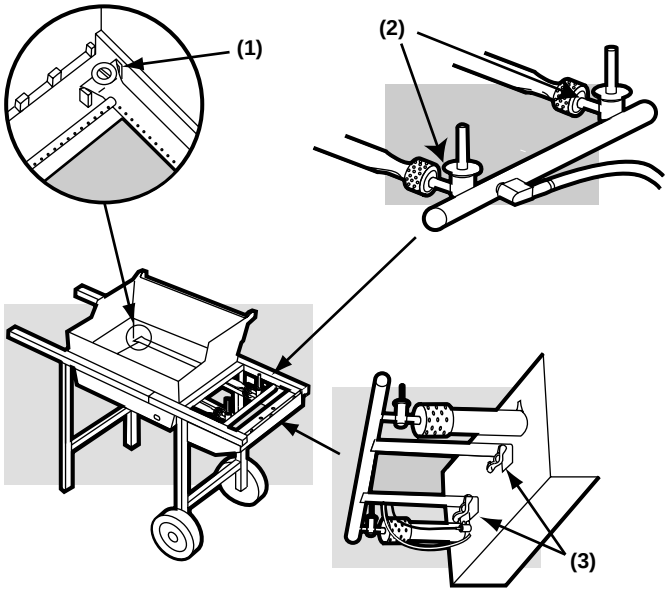
Slide the cooking box (assembly) to the left within the frame assembly. Add the nylon washer to the bolt. Insert the bolt through the frame and cooking box with the head of the bolt outside the box. Add the keps nut. Tighten by holding the bolt with pliers while you tighten the nut with a wrench.



Your Weber Gas Grill manifold assembly, consisting of gas manifold, valves, hose, regulator and gas burners has been factory assembled, pressure and flame tested. As a safety precaution, we recommend you check the burner alignment:

1) Are the ends of the burners under the washers at the left rear and left front of the cooking box? The screws are only guides. Do not tighten.
2) Do the valves fit into the ends of the burners?
3) Are the wing nuts under the burner assembly tight?

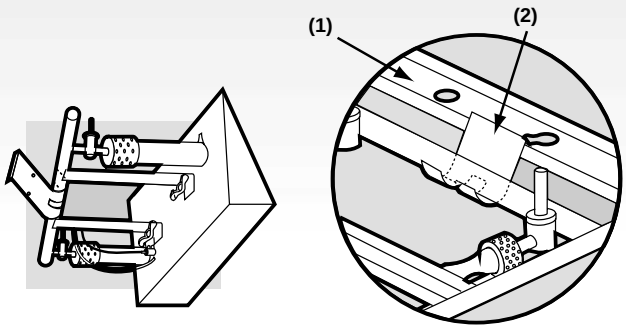
If you answered YES to 1, 2 and 3, the burners are correctly aligned. If you answered NO, the burners are misaligned. Contact the Customer Service Representative in your region using the contact information sheet provided with your manual. Do not use grill.



Install manifold bracket

You will need: manifold bracket.

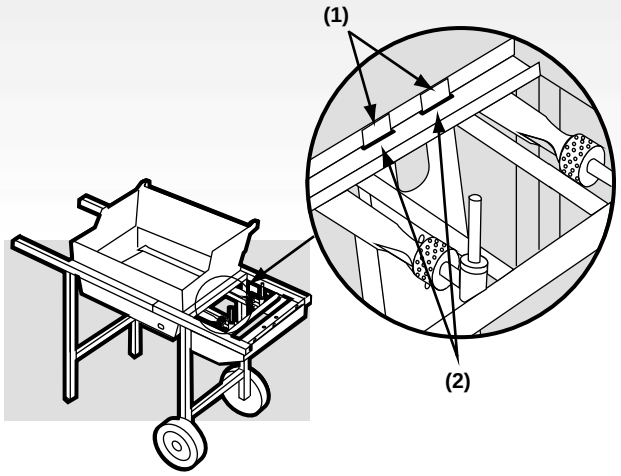
Hook the bracket(2) onto the manifold in the center. Place your hand underneath the bracket. Lift the manifold, bracket and cooking box slightly, then hook the tab of the bracket onto the frame brace(1).



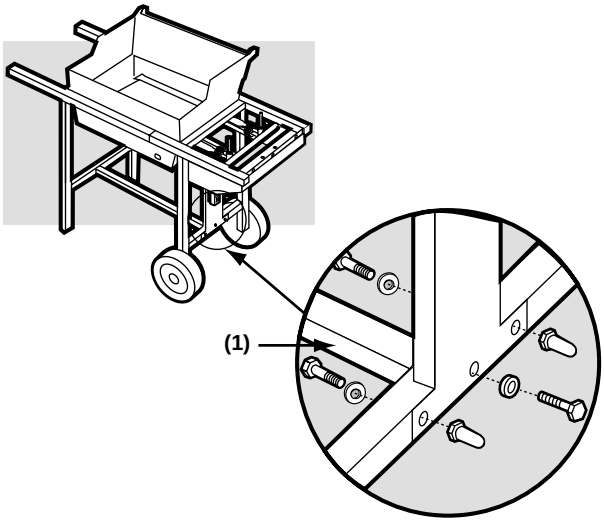
Install cylinder panel and frame connector

You will need: cylinder panel, frame connector, four 1 3/4 inch bolts, four nylon washers, two cylinder glides a 7/16 inch or adjustable wrench and pliers.

Insert the cylinder panel tabs(1) into the slots in the frame brace(2).



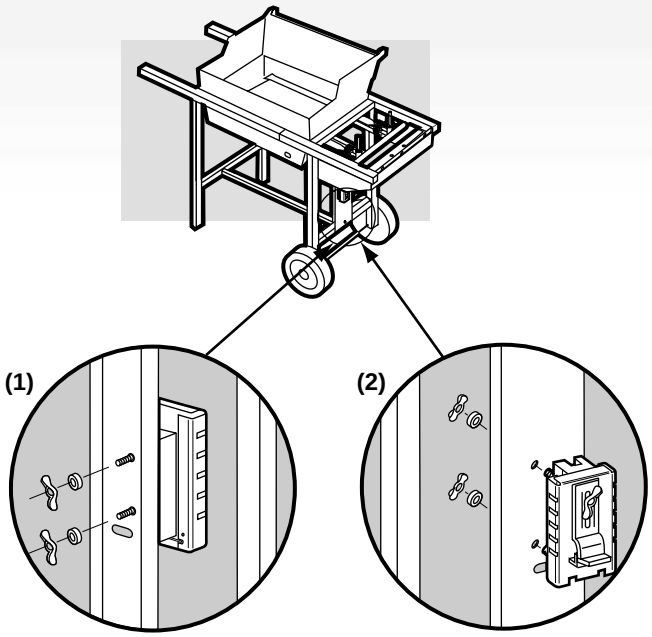
Slide the cylinder panel up until notch at bottom of panel fits over the cross brace. Add nylon washer to the bolt, then insert bolt through the hole in the bottom center of the cylinder panel, through the wheel frame and into the end of the frame connector(1). Next, insert the other bolt with a washer on it through the leg frame and into the other end of the frame connector. Hold the frame connector square and tighten the bolts with the wrench. Add nylon washer to bolt and insert through the hole in the wheel frame at the bottom right of the cylinder panel, make sure that the bolt slips through the hole in the cylinder panel. Add nylon cylinder glide to bolt end and tighten bolt with the wrench while holding the cylinder glide with the pliers. Repeat procedure with the hole on the bottom left side of the cylinder panel.



Add fuel gauge

You will need: fuel gauge, two wing nuts and two nylon washers.

1) Slip the bolts on the back of the fuel gauge through the two small holes in the cylinder panel.
2) Add washers to the bolts, then wing nuts, and tighten with your fingers.



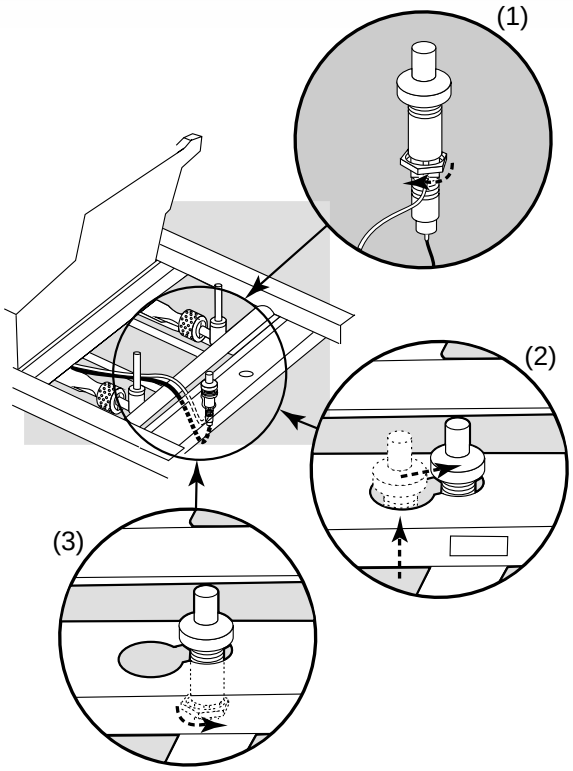
Install igniter

Note - The igniter wires are already attached to the Gas Catcher Ignition Chamber and the igniter. This was done to factory test the ignition system.

The igniter lock nut is on the igniter.

1) Loosen the igniter lock nut.
2) Insert the top of the igniter up through the large part of the keyhole in the frame brace. Slide the igniter into the small part of the keyhole.
3) Tighten the igniter lock nut back onto the igniter.

Note - If the igniter works loose, carefully tighten the igniter lock nut with an adjustable wrench or pliers.



Fill liquid propane cylinder

Note - The liquid propane cylinder manufacturer is responsible for the materials, workmanship and performance of the cylinder. If the cylinder has a defect, malfunctions, or you have a question regarding the cylinder, call the cylinder manufacturer's customer service center. The phone number is on the warning decal, which is permanently attached to the cylinder. If the cylinder manufacturer has not resolved the issue to your satisfaction, then contact the Customer Service Representative in your region using the contact information sheet provided with your manual.

To fill, take the liquid propane cylinder and filler adapter to an RV center or look up gas-propane in the phone book for other sources of liquid propane gas.

⚠ WARNING: We recommend that your liquid propane cylinder be filled at an authorized liquid propane gas dealer by a qualified attendant, who fills the tank by weight.

IMPROPER FILLING IS DANGEROUS.

Tell your liquid propane dealer that this is a new liquid propane cylinder. The air must be removed from a new liquid propane cylinder before the initial filling. Your liquid propane cylinder dealer is equipped to do this.

The liquid propane cylinder must be installed, transported and stored in an upright position, and should not be dropped or handled roughly.

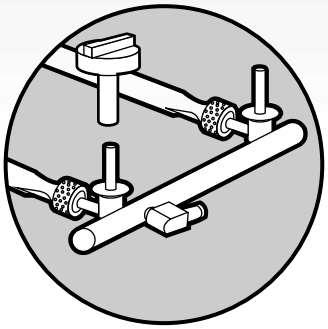
Never store or transport the liquid propane cylinder where temperatures can reach 125° Fahrenheit (too hot to hold by hand – for example: do not leave the liquid propane cylinder in a car on a hot day).

For full instructions on safe handling of liquid propane cylinders, see Section “Operating”.

Check that all burner valves are off

You will need: burner control knobs.

Valves are shipped in the OFF position, but you should check to be sure that they are turned OFF. Put the knob on each valve. Check by pushing down and turning clockwise. If they do not turn, they are off. Proceed to the next step. If they do turn continue turning them clockwise until they stop, then they are off. Proceed to the next step.

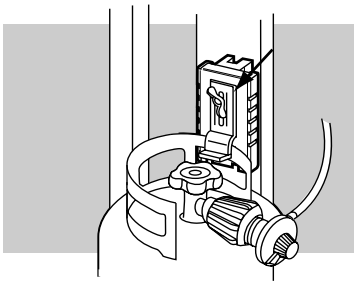


Connect filled liquid propane cylinder

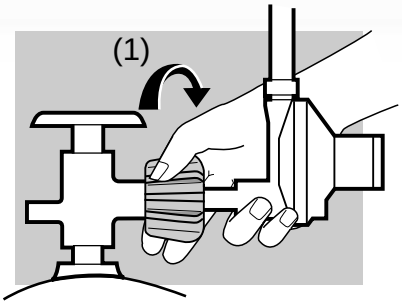
⚠ WARNING: Make sure that the cylinder valve is closed. Close by turning clockwise.

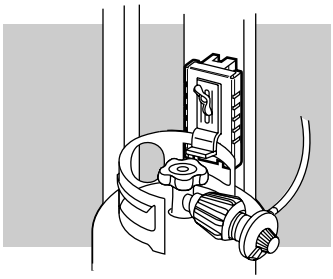
Hook the liquid propane cylinder onto the fuel gauge. Loosen the cylinder lock wing nut. Swing the cylinder lock down. Tighten the wing nut.

Remove plastic dust cover from the fuel cylinder valve.

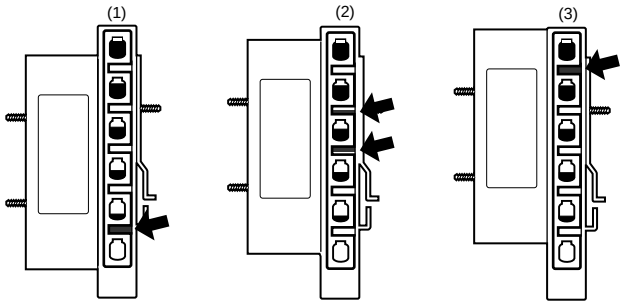


Screw the regulator coupling onto the cylinder valve(1), clockwise, or to the right. Hand tighten only.
Note: This is a new type of connection. It tightens clockwise and will not allow gas to flow unless the connection is tight. The connection requires tightening by hand only.
⚠ WARNING: Do not use a wrench to tighten the connection. Using a wrench could damage the regulator coupling and could cause a gas leak.





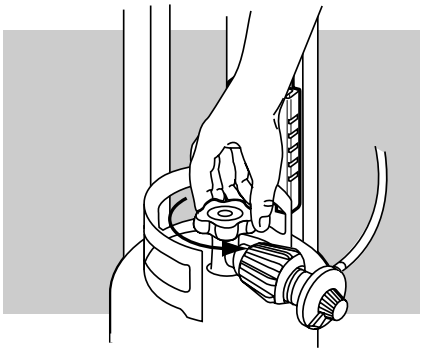
Checking the fuel level in your tank
Check the fuel level by viewing the color indicator level line on the side of the tank scale.
1) Empty
2) Medium
3) Full



Check for gas leaks

⚠ DANGER
Do not use an open flame to check for gas leaks. Be sure there are no sparks or open flames in the area while you check for leaks. Sparks or open flames will result in a fire or explosion which can cause serious bodily injury or death and damage to property.

⚠ WARNING: You should check for gas leaks every time you disconnect and reconnect a gas fitting.
Note - All factory-made connections have been thoroughly checked for gas leaks. The burners have been flame-tested. As a safety precaution however, you should recheck all fittings for leaks before using your Weber Gas Barbecue. Shipping and handling may loosen or damage a gas fitting.
⚠ WARNING: Perform these leak checks even if



your barbecue was dealer or store assembled.
You will need: a soap and water solution, and a rag or brush to apply it.
To perform leak checks: open tank valve by turning the tank valve handwheel counterclockwise.
Check for leaks by wetting the connections with the soap and water solution and watching for bubbles. If bubbles form or if a bubble grows, there is a leak.
Note - Since some leak test solutions, including soap and water, may be slightly corrosive, all connections should be rinsed with water after checking for leaks.
⚠ WARNING: Do not ignite burners when leak checking.

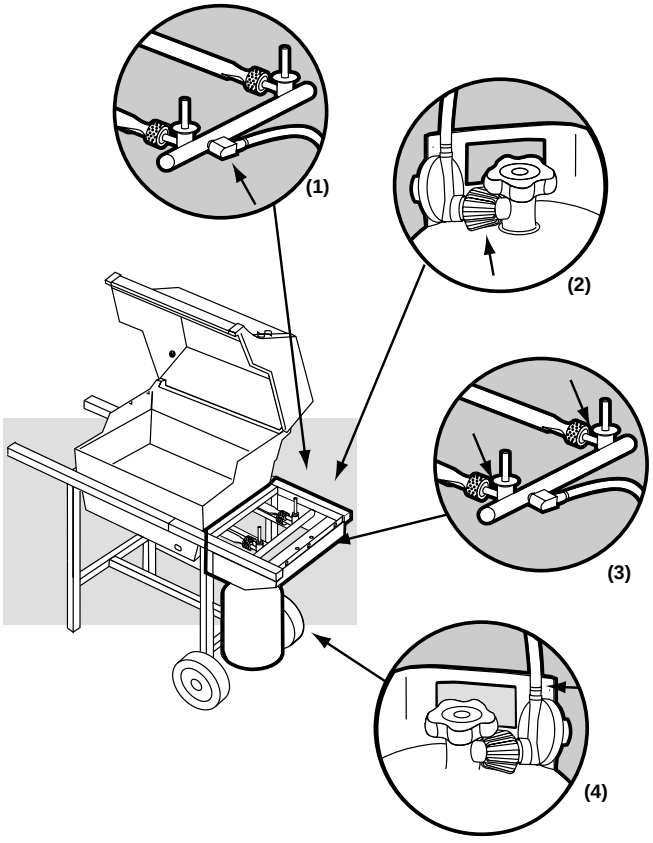
Check:

1) Hose to manifold connection.
2) Regulator to cylinder connection.

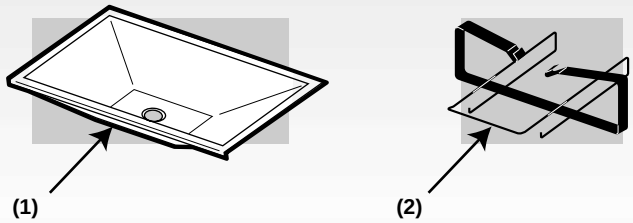
⚠ WARNING: : If there is a leak at connection (1) , retighten the fitting with a wrench and recheck for leaks with soap and water solution.
If a leak persists after retightening the fitting, turn OFF the gas. DO NOT OPERATE THE BARBECUE. Contact the Customer Service Representative in your region using the contact information sheet provided with your manual.

3) Valves to manifold connections.
4) The hose to regulator connection.

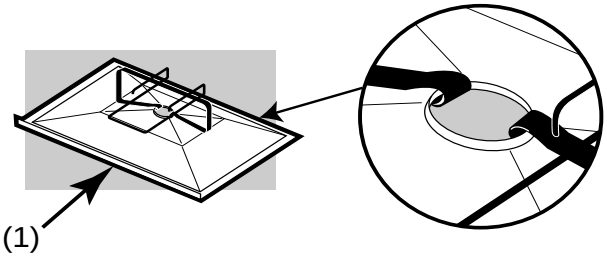
⚠ WARNING: If there is a leak at connections (2), (3) or (4), turn OFF the gas. DO NOT OPERATE THE BARBECUE. Contact the Customer Service Representative in your region using the contact information sheet provided with your manual.
When leak checks are complete, turn gas supply OFF at the source and rinse connections with water.



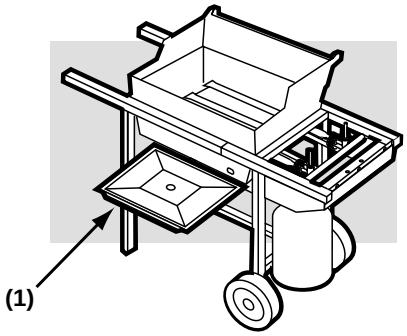
Install the slide out bottom tray
You will need: the slide out bottom tray(1), catch pan holder(2), catch pan and one disposable drip pan.



Hook the ends of the catch pan holder into the hole in the slide out bottom tray. **The front of the catch pan holder must be on the same side as the finger grip(1) of the bottom tray.**



Slide the bottom tray onto the mounting rails under the cooking box with finger grip toward you(1).
⚠ WARNING: Do not line bottom tray with aluminum foil. It can cause grease fires by trapping the grease and not allowing grease to flow into the catch pan.

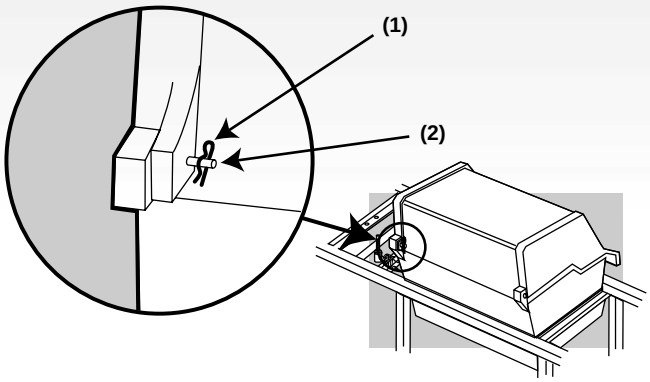


Put the disposable drip pan into the catch pan.
Slide the catch pan into the catch pan holder with its finger grip towards you(1).

Install Lid

You will need: lid, two hair pin cotters(1) and two hinge pins(2).

Place lid on top of the cooking box. Align the hinges at the rear of the barbecue. Insert hinge pins through the hinges from the outside. Insert hair pin cotters into the small holes in the hinge pins.



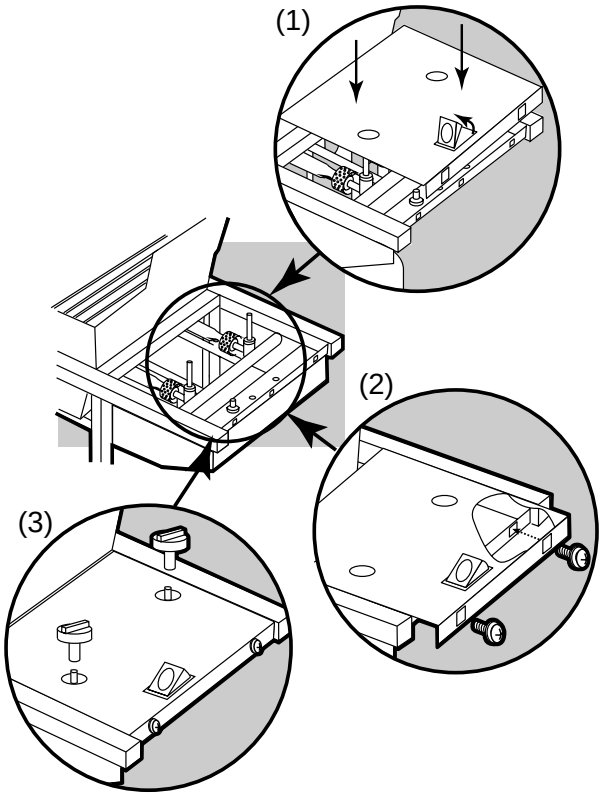
Install control panel and burner control knobs

You will need: control panel, two Phillips screws/ washers, a Phillips screwdriver, and burner control knobs.

1) Set the control panel in place over both frame braces. Hold the Crossover Ignition button up while setting the control panel in place.

2) Line up the holes in the control panel with the holes in the white plastic plugs in the frame brace. Insert screws and tighten with a Phillips screwdriver until snug. Do not overtighten.

3) Push each of the burner control knobs onto their valve.

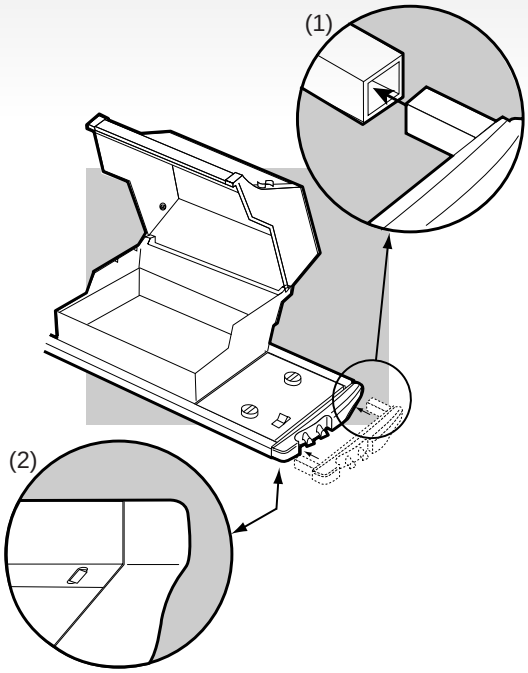


Installing Features

Install the right trim piece with tool holders

You will need: Right trim piece with tool holders

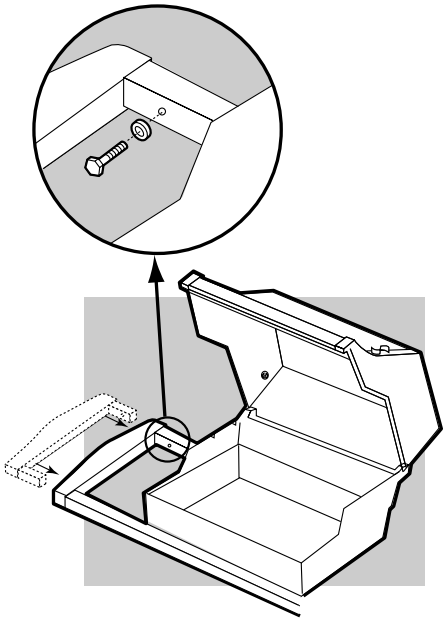
Push the Right trim piece into the frame as shown(1), making sure that the tabs on the underside of the trim piece are snapped into the slots in the frame.(2)



Install the left end trim piece

You will need: End trim piece, two 1/2 inch bolts, two nylon washers and a wrench

Slide the end trim piece into the frame as shown. Add washer to bolt and put through frame and hole in frame trim piece. Tighten with wrench.

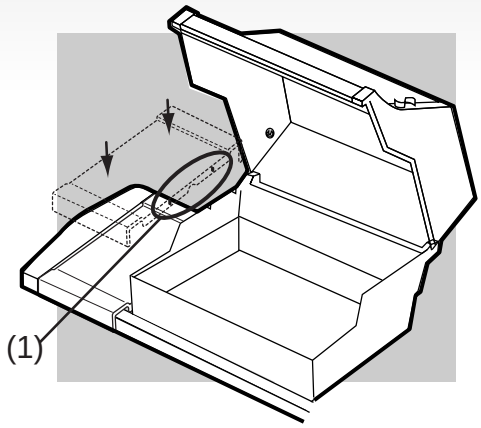


Install the work surface

You will need: work surface.

Place the work surface, so that the front and back edges fit over the frame, in the area between the left trim piece and the cooking box as shown.

Do not use the work surface as a cutting board.

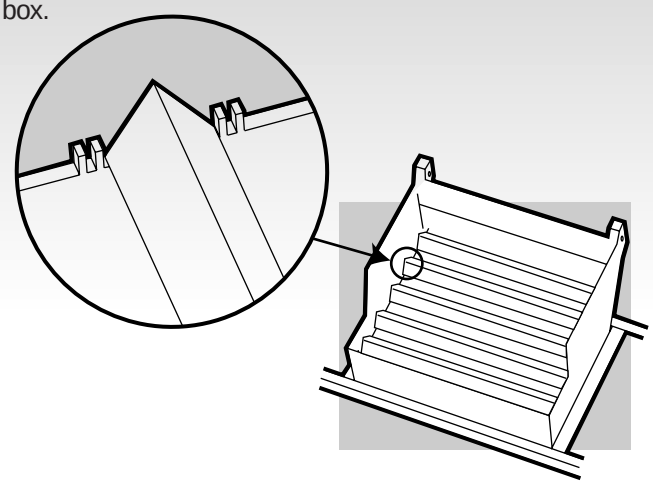


(1) Make sure that the tabs on the side table are to the right, next to the cooking box.

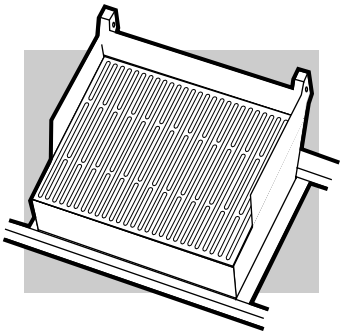
Install Flavorizer® Bars and Cooking Grates

You will need: five Flavorizer Bars and two cooking grates.

Place the Flavorizer Bars side by side in the cooking box.



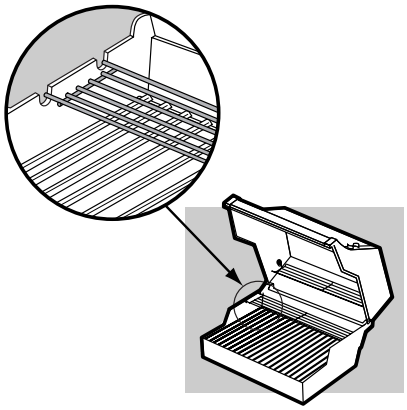
Set the cooking grates onto the ledges in the cooking box with the rounded sides up.



Installing the warming rack

You will need: warming rack.

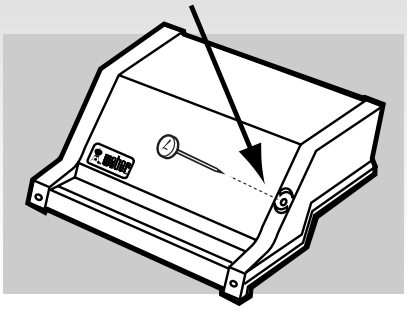
Set the warming rack into the slots at the rear of the cooking box.



Install the thermometer

You will need: Thermometer.

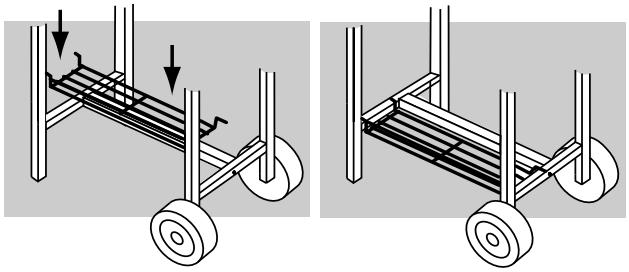
Insert the thermometer into its holder on the right side of the lid.



Install the bottom shelf

You will need: Bottom shelf.

Set the bottom shelf in place between the right and left sides of the frame, in front of the frame connector, underneath the cooking box.



Operating

Lighting

Summary lighting instructions are on the control panel.

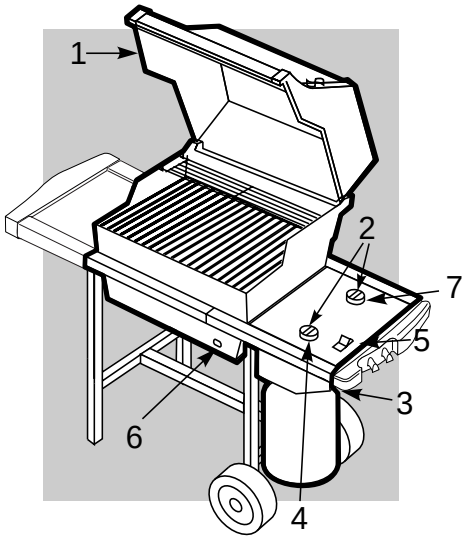
⚠ DANGER

Failure to open the lid while igniting the barbecue's burners, or not waiting 5 minutes to allow the gas to clear if the barbecue does not light, may result in an explosive flame-up which can cause serious bodily injury or death.

Crossover Ignition® System

Note - The Crossover Ignition System ignites the Front burner with a spark from the igniter electrode inside the Gas Catcher™ Ignition Chamber. You generate the energy for the spark by pushing the Crossover Ignition Button until it clicks.

⚠ WARNING: Check hose before each use of barbecue for nicks, cracking, abrasions or cuts. If the hose is found to be damaged in any way, do not use the barbecue. Replace using only Weber authorized replacement hose. Contact the Customer Service Representative in your region using the contact information sheet provided with your manual.



*The grill illustrated may have slight differences than the model purchased.

1) Open the lid.
2) Make sure all burner control knobs are turned OFF. (Push control knob down and turn clockwise to ensure that it is in the OFF position.)

⚠ WARNING: The burner control knobs must be in the OFF position before turning on the liquid propane cylinder tank valve. If they are not in the OFF position, when you turn on the LP cylinder valve, the "excess gas flow control" feature will activate, limiting the flow of gas from the LP cylinder. If this should occur, turn OFF the LP cylinder valve and burner control knobs. Then start over.

⚠ DANGER

When the "excess gas flow control" feature is activated, a small amount of gas is still flowing to the burners. After turning OFF the cylinder knobs, wait at least 5 minutes for the gas to clear before attempting to light the barbecue. Failure to do so may result in an explosive flame-up, which can cause serious bodily injury or death.

3) Turn the cylinder on by turning the cylinder valve counterclockwise.

⚠ WARNING: Do not lean over the open barbecue. Keep your face and body at least one foot away from the matchlight hole when lighting the barbecue.

4) Push Front burner control knob down and turn to START/HI.
5) Push the Crossover Ignition Button several times, so it clicks each time.
6) Check that the burner is lit by looking through the matchlight hole on the front of the cooking box. You should see a flame.

⚠ WARNING: If the burner does not light, turn the Front burner control knob to OFF and wait 5 minutes to let the gas clear before you try again or try to light with a match.

7) After the FRONT burner is lit you can turn on the other burner or burners.

Note - Always light the FRONT burner first. The other burner or burners ignite from the FRONT burner.

To Extinguish

Turn gas supply OFF at the source, then push down and turn each burner control knob clockwise to the OFF position.

Manual Lighting

⚠ DANGER

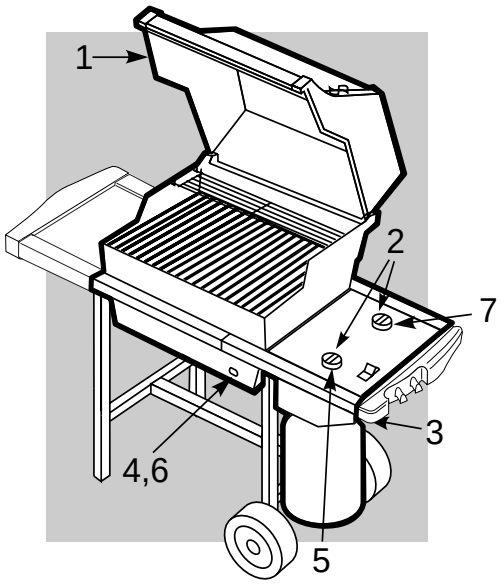
Failure to open the lid while igniting the barbecue's burners, or not waiting 5 minutes to allow the gas to clear if the barbecue does not light, may result in an explosive flame-up which can cause serious bodily injury or death.

1) Open the lid.
2) Make sure all burner control knobs are turned OFF. (Push each knob down and turn clockwise to ensure they are in the off position.)

⚠ WARNING: The burner control knobs must be in the OFF position before turning on the liquid propane cylinder valve. If they are not in the OFF position, when you turn on the LP cylinder valve, the "excess gas flow control" feature will activate, limiting the flow of gas from the LP cylinder. If this should occur, turn OFF the LP tank valve and burner control knobs. Then start over.

⚠ DANGER

When the "excess gas flow control" feature is activated, a small amount of gas is still flowing to the burners. After turning OFF the cylinder and burner control knobs, wait at least 5 minutes for the gas to clear before attempting to light the barbecue. Failure to do so may result in an explosive flame-up, which can cause serious bodily injury or death.



*The grill illustrated may have slight differences than the model purchased.

3) Turn the cylinder on by turning the cylinder valve counterclockwise.
4) Strike a match and put the flame into the matchlight hole in the front of the cooking box.

⚠ WARNING: Do not lean over open barbecue. Keep your face and body at least one foot away from the matchlight hole when lighting the barbecue.

5) Push Front burner control knob down and turn to START/HI.
6) Check that the burner is lit by looking through the matchlight hole on the front of the cooking box. You should see a flame

⚠ WARNING: If the burner does not light, turn the Front burner control knob to OFF and wait 5 minutes to let the gas clear before you try again or try to light with a match.

7) After the FRONT burner is lit you can turn on the other burner.

Note - Always light the FRONT burner first. The other burner or burners ignite from the FRONT burner.

To Extinguish

Turn gas supply OFF at the source, then push down and turn each burner control knob clockwise to the OFF position.

Cooking

⚠ WARNING: Do not move the Weber Gas Barbecue when operating or while barbecue is hot.
You can adjust the FRONT and BACK burners as desired. The control settings: High (H), Medium (M), Low (L), or Off (O) are described in your Weber cookbook. The cookbook uses these notations to describe the settings of the FRONT and BACK burners. For example, to sear steaks, you would set all burners at H (high). Then to complete cooking, you would set FRONT and BACK at M (medium). Refer to your Weber cookbook for detailed cooking instructions.

Note: The temperature inside your cooking box for the first few uses, while surfaces are still very reflective, may be hotter than those shown in your cookbook. Cooking conditions. Such as wind and weather, may require the adjustment of the burner controls to obtain the correct cooking temperatures.

⚠ CAUTION: Replace thermometer in lid when not in use. Do not leave thermometer in food while cooking.
If burners go out during cooking, open lid, turn off all burners and wait five minutes before relighting.
Preheating - Your Weber Gas Barbecue is an energy-efficient appliance. It operates at an economical low BTU rate. To preheat: after lighting, close lid and turn all burners to high (HH). Preheating to between 500° and 550° F (260° and 290° C) will take 10 to 15 minutes depending on conditions such as air temperature and wind.
Drippings and grease - The Flavorizer® Bars are designed to "smoke" the correct amount of drippings for flavorful cooking. Excess drippings and grease will accumulate in the catch pan under the slide out bottom tray. Disposable foil drip pans are available that fit the catch pan.
⚠ WARNING: Check the bottom tray for grease build-up before each use. Remove excess grease to avoid a grease fire in the slide out bottom tray.

Storage and/or Nonuse

■ The gas must be turned off at the liquid propane cylinder when the Weber Gas Barbecue is not in use.
■ When the Weber Gas Barbecue is stored indoors, the gas supply must be DISCONNECTED and the LP cylinder stored outdoors in a well-ventilated space.
■ LP cylinder must be stored outdoors in a well - ventilated area out of reach of children. Disconnected LP cylinder must not be stored in a building, garage or any other enclosed area.
■ When the LP cylinder is not disconnected from the Weber Gas Barbecue, the appliance and LP tank must be kept outdoors in a well-ventilated space.
■ The Weber Gas Barbecue should be checked for gas leaks and any obstructions in the burner tubes before using. (See Sections: "General Maintenance and Annual Maintenance.")
■ Check that the areas under the control panel and the slide out bottom tray are free from debris that might obstruct the flow of combustion or ventilation air.
■ The Spider Stopper ™ Guards should also be checked for any obstructions. (See Section: "Annual Maintenance.")

Cleaning

⚠ WARNING: Turn your Weber Gas Barbecue OFF and wait for it to cool before cleaning.
⚠ CAUTION: Do not clean your Flavorizer® Bars or cooking grates in a self-cleaning oven.
For availability of replacement cooking grates and Flavorizer Bars contact the Customer Service Representative in your region using the contact information sheet provided with your manual.
Outside surfaces - Use a warm soapy water solution to clean, then rinse with water.
⚠ CAUTION: Do not use oven cleaner, abrasive cleansers (kitchen cleansers) cleaners that contain citrus products, or abrasive cleaning pads on barbecue or cart surfaces.
Slide out Bottom tray - Remove excess grease, then wash with warm soapy water, then rinse
Flavorizer® Bars and Cooking Grates - Clean with a suitable brass bristle brush. As needed, remove from grill and wash with warm soapy water, then rinse with water.
Catch pan - Disposable foil trays are available, or you can line the catch pan with aluminum foil. To clean the catch pan, wash with warm soapy water, then rinse.
Thermometer - Wipe with warm soapy water; clean with plastic scrub ball. Do not put in dishwasher or submerge in water.
Inside cooking module - Brush any debris off of burner tubes. **DO NOT ENLARGE BURNER PORTS (OPENINGS)**. Wash inside of cooking box with warm soapy water and a water rinse.
Inside Lid - While lid is warm, wipe inside with paper towel to prevent grease build-up. Flaking built-up grease resembles paint flakes.
Stainless steel surfaces - Wash with a soft cloth and a soap and water solution.
Plastic surfaces - Wash with a soft cloth and a soap and water solution.
Do not use cleaners that contain acid, mineral spirits or xylene. Rinse well after cleaning.

Work surfaces are not to be used as cutting boards.

Refilling the Liquid Propane Cylinder

We recommend that you refill the LP cylinder before it is completely empty.

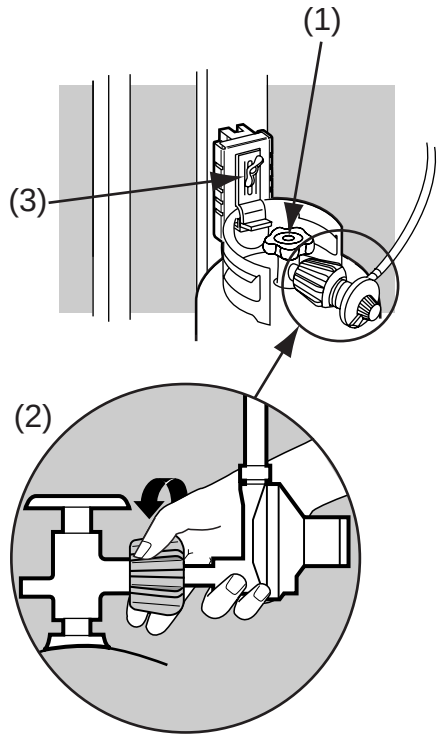
Removal of the LP cylinder

1) Close cylinder valve (turn clockwise).
2) Unscrew regulator coupling by turning counterclockwise, by hand only.
3) Loosen cylinder lock wing nut and turn cylinder lock up out of the way.
4) Lift cylinder off.

To refill, take LP cylinder to a “Gas Propane” dealer.

⚠ WARNING: We recommend that your LP cylinder be filled at an authorized LP gas dealer, by a qualified attendant, who fills the cylinder by weight. IMPROPER FILLING IS DANGEROUS.

⚠ CAUTION: When transporting the LP cylinder make sure the plastic dust cover is in place over the valve. This will keep dust and dirt from the threaded portion of the valve.



Connecting the Liquid Propane Cylinder

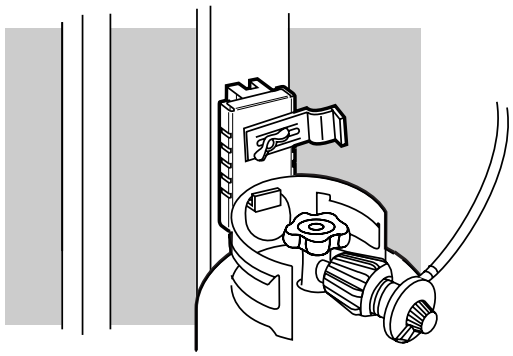
⚠ WARNING: Make sure that the LP cylinder valve is closed. Close by turning valve clockwise.

⚠ DANGER

Do not use an open flame to check for gas leaks. Be sure there are no sparks or open flames in the area while you check for leaks. Sparks or flames will result in a fire or explosion which can cause serious bodily injury or death, and damage to property.

You will need: LP cylinder, a soap and water solution and a rag or brush to apply it.

1) Turn the LP cylinder so the opening of the valve is either to the front, side or rear of the Weber Gas Barbecue. Lift and hook the cylinder onto the fuel guage.



2) Loosen the cylinder lock wing nut. Swing the cylinder lock down. Tighten the wing nut.

To Connect the hose to the cylinder:

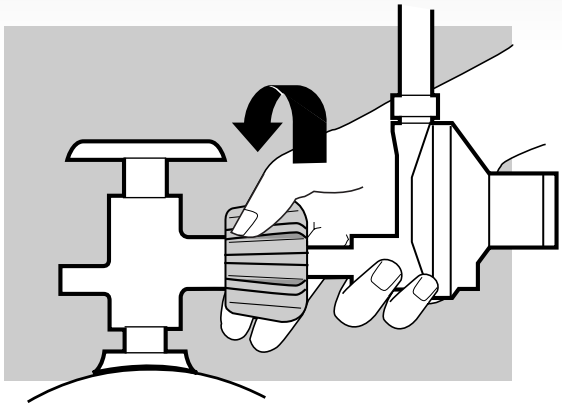
3) Remove the plastic dust cover from the valve.

4) Screw the regulator coupling onto the tank valve, clockwise, or to the right. Hand-tighten only.

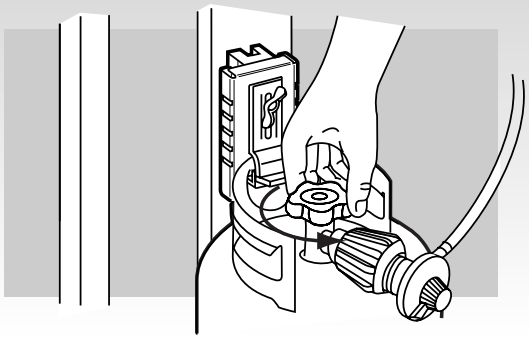
Note: This is a new type of connection. It tightens clockwise and will not allow gas to flow unless the connection is tight. The connection requires tightening by hand only.

⚠ WARNING: Do not use a wrench to tighten the connection. Using a wrench could damage the regulator coupling and could cause a leak.

5) Mix soap and water.
6) Turn on the cylinder valve.



7) Check for leaks by wetting the fitting with the soap and water solution and watching for bubbles. If bubbles form, or if a bubble grows, there is a leak.



If there is a leak, turn off the gas and tighten the fitting. Turn the gas back on and recheck with the soap and water solution.

If leak does not stop, Contact the Customer Service Representative in your region using the contact information sheet provided with your manual. Do not use the barbecue.

8) When leak checking is complete, turn gas supply OFF at the source and rinse connections with water.

Liquid Propane Cylinder

The liquid propane cylinder manufacturer is responsible for the materials, workmanship and performance of the tank. If the tank has a defect malfunctions, or you have a question regarding the tank, call the tank manufacturer's customer service center. The phone number is on the warning decal, which is permanently attached to the tank. If the tank manufacturer has not resolved the issue to your satisfaction, then contact the Customer Service Representative in your region using the contact information sheet provided with your manual.

Safe handling tips for Liquid Propane Gas Cylinders

■ Liquid Propane (LP) gas is a petroleum product as are gasoline and natural gas. LP gas is a gas at regular temperatures and pressures. Under moderate pressure, inside a cylinder, LP gas is a liquid. As the pressure is released, the liquid readily vaporizes and becomes gas.

■ LP gas has an odor similar to natural gas. You should be aware of this odor.

■ LP gas is heavier than air. Leaking LP gas may collect in low areas and prevent dispersion.

■ To fill, take the LP cylinder to an RV center, or look up “gas-propane” in the phone book for other sources of LP gas.

⚠ WARNING: We recommend that your LP cylinder be filled at an authorized LP gas dealer, by a qualified attendant, who fills the tank by weight. IMPROPER FILLING IS DANGEROUS.

⚠ WARNING: If you exchange your LP cylinder, make sure you get a similar tank in return. Your LP cylinder is equipped with a quick closing coupling or type 1 valve and an OPD (Overfilling Prevention Device). Other LP cylinders may not be compatible with your barbecue connection.

■ Air must be removed from a new LP cylinder before the initial filling. Your LP dealer is equipped to do this.

■ The LP cylinder must be installed, transported and stored in an upright position. LP cylinders should not be dropped or handled roug hly.

■ Never store or transport the LP cylinder where temperatures can reach 125° F (too hot to hold by hand - for example: do not leave the LP cylinder in a car on a hot day).

Note - A refill will last about 20 hours of cooking time at normal use. The fuel scale will indicate the propane supply so you can refill before running out. You do not have to run out before you refill.

■ Treat “empty” LP cylinders with the same care as when full. Even when the LP tank is empty of liquid there still may be gas pressure in the cylinder. **Always close the cylinder valve before disconnecting.**

⚠ CAUTION: When transporting the LP cylinder make sure the plastic dust cover is in place over the valve. This will keep dust and dirt from the threaded portion of the valve.

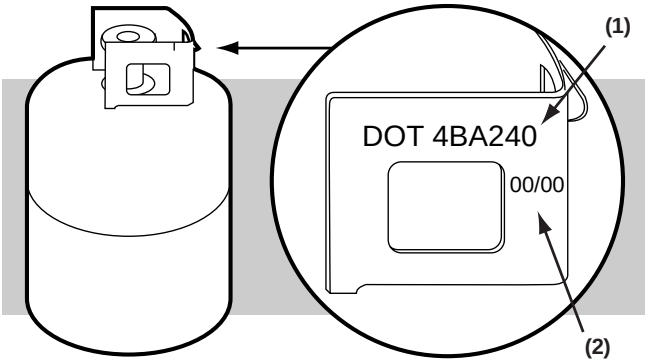
■ Do not use a damaged LP cylinder. Dented or rusty LP cylinders or LP cylinders with a damaged valve may be hazardous and should be replaced with a new one immediately.

Liquid Propane (LP) Cylinder(s)

■ The joint where the hose connects to the LP cylinder must be leak tested each time the LP cylinder is reconnected. For example, test each time the LP cylinder is refilled.

■ Be sure the regulator is mounted with the small vent hole pointed downward so that it will not collect water. This vent should be free of dirt, grease, bugs etc.

■ The LP cylinder and connections supplied with your Weber Gas Barbecue have been designed and tested to meet government, American Gas Association, and Underwriters Laboratories requirements.



Liquid Propane Cylinder requirements

■ Replacement LP cylinders supplied by Weber satisfy the above requirements. Check to be sure other cylinders have a D.O.T. certification(1), and date tested(2) is within five years. Your LP gas supplier can do this for you.

If you have questions about spare LP cylinders contact the Customer Service Representative in your region using the contact information sheet provided with your manual.

■ All LP tank supply systems must include a collar to protect the cylinder valve.

■ The LP cylinder must be a 20-lb. size (18 1/4 inches high, 12 1/4 inches in diameter).

■ The LP cylinder must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (D.O.T.).

Annual Maintenance

After a period of nonuse, we recommend that you perform the following maintenance procedures for your safety.

⚠ WARNING: Check the hose before each use of the barbecue for nicks, cracking, abrasions or cuts. If the hose is found to be damaged in any way, do not use the barbecue. Replace using only Weber authorized replacement hose. Contact the Customer Service Representative in your region using the contact information sheet provided with your manual.

■ Inspect the burners for correct flame pattern. Clean if necessary, following the procedures outlined in the "General Maintenance" section of this manual.

■ Check all gas fittings for leaks.

⚠ DANGER

Do not use an open flame to check for gas leaks. Be sure there are no sparks or open flames in the area while you check for leaks. Sparks or flames will result in a fire or explosion, which can cause serious bodily injury or death, and damage to property.

⚠ WARNING: You should check for gas leaks every time you disconnect and reconnect a gas fitting.

Note - All factory-made connections have been thoroughly checked for gas leaks. The burners have been flame tested. As a safety precaution however, you should recheck all fittings for leaks before using your Weber Gas Barbecue. Shipping and handling may have loosened or damaged a gas fitting.

⚠ WARNING: Perform these leak checks even if your barbecue was dealer- or store-assembled.

You will need: a soap and water solution and a rag or brush to apply it.

To perform leak checks: Make sure all Burners are in the off position. Turn on gas supply.

⚠ WARNING: Do not ignite burners while leak checking.

Check for leaks by wetting the connections with the soap and water solution and watching for bubbles. If bubbles form, or if a bubble grows, there is a leak.

Note - Since some leak test solutions, including soap and water, may be slightly corrosive, all connections should be rinsed with water after checking for leaks.

Check:

1) Hose-to-manifold connection.
2) Regulator-to-Cylinder connection.

⚠ WARNING: If there is a leak at connection (1), retighten the fitting with a wrench and recheck for leaks with soap and water solution.

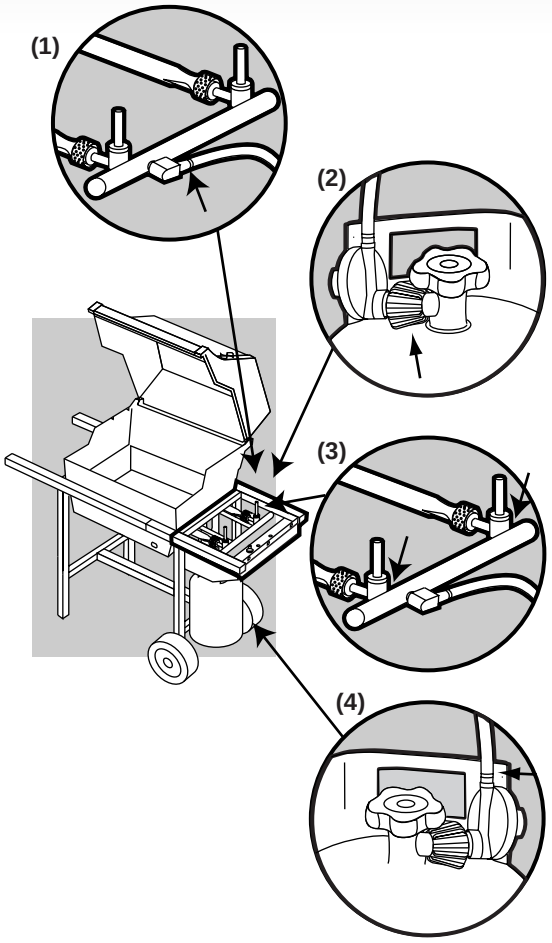
If a leak persists after retightening the fitting, turn OFF the gas. DO NOT OPERATE THE BARBECUE. Contact the Customer Service Representative in your region using the contact information sheet provided with your manual.

Check:

3) Valves-to-manifold connections.
4) The hose-to-regulator connection.

⚠ WARNING: If there is a leak at connections (2), (3) or (4), turn OFF the gas. DO NOT OPERATE THE BARBECUE. Contact the Customer Service Representative in your region using the contact information sheet provided with your manual.

When leak checks are complete, turn gas supply OFF at the source and rinse connections with water.



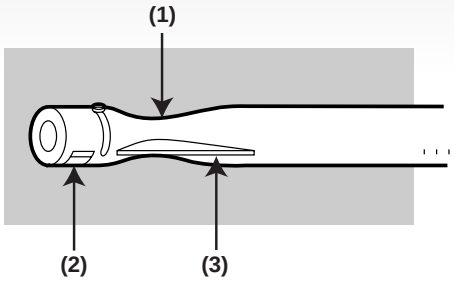
Inspection and Cleaning of the Weber Spider Stopper™ Guards

To inspect the Spider Stopper Guards, remove the control panel and look to see if they have dust or dirt on their outside surfaces. If they are dirty, brush off the outside surface of the Spider Stopper Guards with a soft bristle brush (an old toothbrush for example). Check that there are no gaps in the Spider Stopper Guards' seams or in the fit around the burners or valves. (See Section "General Maintenance.")

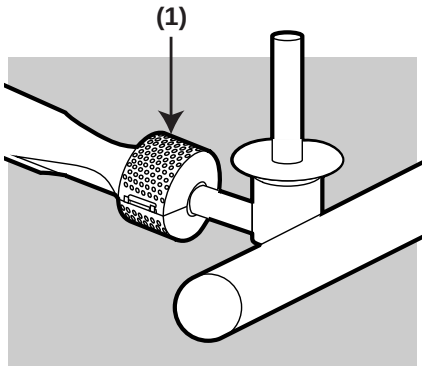
General Maintenance

Weber Spider Stopper™ Guards

Your Weber Gas Barbecue, as well as any outdoor gas appliance, is a target for spiders and other insects. They can nest in the venturi section (–Venturi(1), air shutter(2), venturi fin(3)–) of the burner tubes. This blocks the normal gas flow, and can cause the gas to flow back out of the air shutter. This could result in a fire in and around the air shutters, under the control panel, causing serious damage to your barbecue.



The Weber Spider Stopper™ Guard(1) is factory installed. It fits tightly around the air shutter section of the burner tube and the valve, thereby preventing spiders and other insects access to the burner tubes through the air shutter openings.



We recommend that you inspect the Weber Spider Stopper Guards at least once a year. (See Section "Annual Maintenance".) Also inspect and clean the Spider Stopper Guards if any of the following symptoms should ever occur:

1) The smell of gas in conjunction with the burner flames appearing yellow and lazy.
2) Barbecue does not reach temperature.
3) Barbecue heats unevenly.
4) One or more of the burners do not ignite.

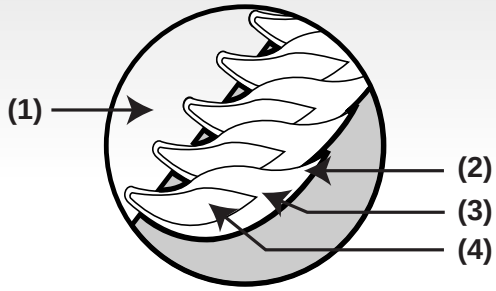
⚠ DANGER

Failure to correct the above mentioned symptoms may result in a fire, which can cause serious bodily injury or death, and cause damage to property.

Main Burner Flame Pattern

The Weber Gas Barbecue burners have been factory set for the correct air and gas mixture. The correct flame pattern is shown.

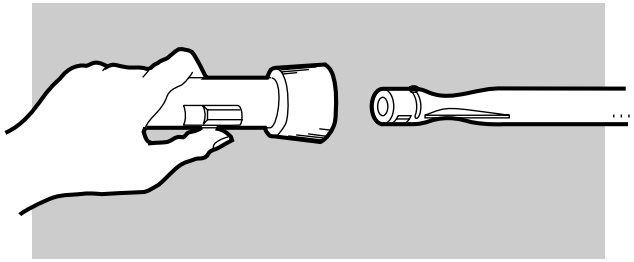
1) Burner tube
2) Tips occasionally flicker yellow
3) Light blue
4) Dark blue



If the flames do not appear to be uniform throughout the burner tube, follow the burner cleaning procedures.

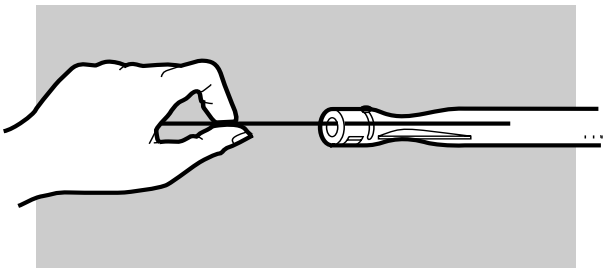
Main Burner Cleaning Procedure

Turn off the gas supply. Remove the manifold. Look inside each burner with a flashlight.



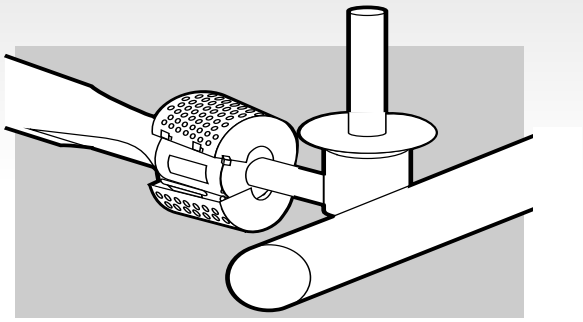
Clean the inside of the burners with a wire (a straightened-out coat hanger will work). Check and clean the air shutter opening at the ends of the burners. Check and clean the valve orifices at the base of the valves. Use a brass bristle brush to clean outside of burners. This is to make sure all the burner ports are fully open.

CAUTION: Do not enlarge the burner ports when cleaning.

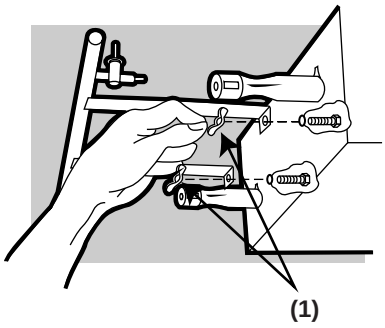


Replacing Main Burners

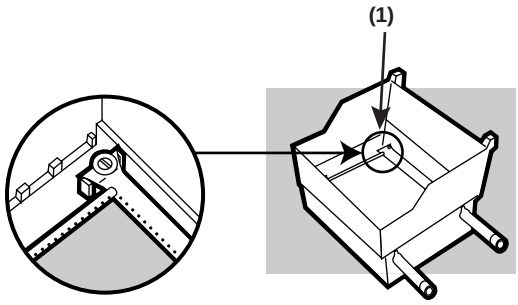
1) Your Weber Gas Barbecue must be OFF and cool.
2) Turn gas OFF at source.
3) To remove control panel: take off the burner control knobs. Remove the screws holding the control panel in place. Lift off the control panel.
4) Unlatch the Spider Stopper™ Guards and remove them.



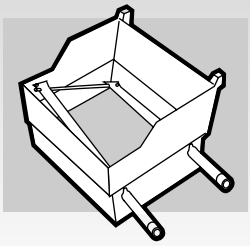
5) Remove the manifold bracket and unscrew the two wing nuts(1) that hold the manifold to the cooking box. Pull the manifold and valve assembly out of the burners and carefully set it down.



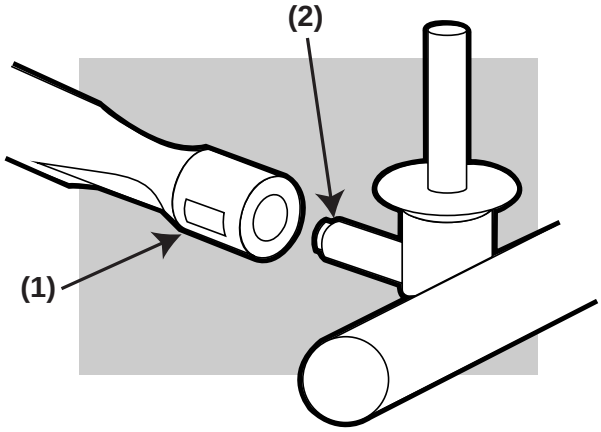
6) Slide the burner assembly out from under the guide screw and washer(1) in the corners of the cooking box.

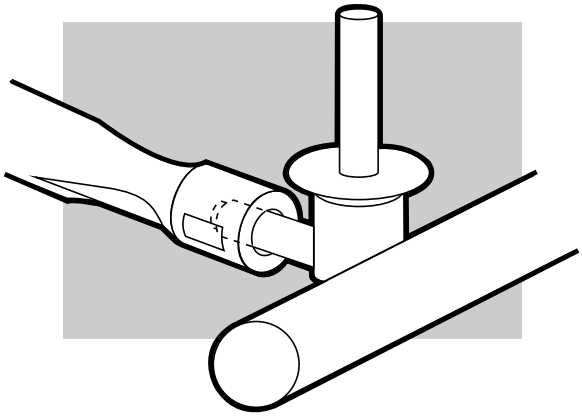


7) Lift and twist the burner assembly slightly, to separate the crossover tube(1) from the burners. Remove the burners from the cooking box.

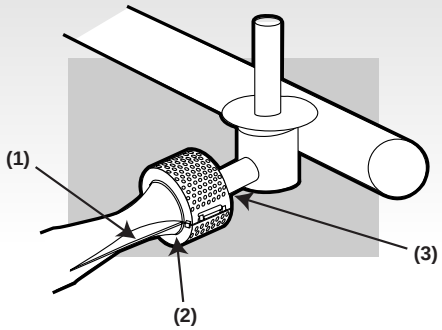


8) To reinstall the burners, reverse 3) through 7).
⚠ **CAUTION: The burner openings(1) must be positioned properly over the valve orifices(2).** Check proper assembly before fastening manifold in place.





9) Reinstall the Spider Stopper Guards. Slightly rotate the Spider Stopper Guards so that the seams are in line with the Venturi fins(1). There should be no gaps in the seams or in the fit around the burners(2) and valves(3).

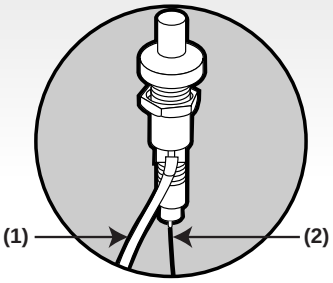


⚠ CAUTION: If the Spider Stopper Guards do not fit tightly, contact the Customer Service Representative in your region using the contact information sheet provided with your manual.
⚠ WARNING: After reinstalling the gas lines, they should be leak checked with a soap and water solution before using the barbecue. (See Step: "Check for gas leaks.")

Crossover® Ignition System Operations

If the Crossover Ignition System fails to ignite the Left burner, light the Left burner with a match. If the Left burner lights with a match, then check the Crossover Ignition System.

■ Check that both the white(1) and black(2) ignition wires are attached properly.



■ Check that the Crossover Ignition button pushes the igniter (button) down, and returns to the up position.
■ Check to see if the igniter is loose in the frame. Tighten if necessary; See Step "Install igniter" for correct procedure.
If the Crossover Ignition System still fails to light, Contact the Customer Service Representative in your region using the contact information sheet provided with your manual.

Troubleshooting

Problem	Check	Cure
Burners burn with a yellow or orange flame, in conjunction with the smell of gas.	Inspect Weber Spider Stopper Guards for possible instructions. (Blockage of holes.)	Clean Weber Spider Stopper Guards. (See Section “Annual Maintenance”)
Burners do not light. -or- Burners have a small flickering flame in the HIGH position. -or- Barbecue temperature only reaches 250˚ to 300˚ in the HIGH position.	The excess flow satety device, which is part of the barbecue to cylinder connection, may have activated.	To reset the excess flow safety device turn all burner control knobs and the cylinder valve OFF. Disconnect the regulator from the cylinder. Turn burner control knobs to HIGH. Wait at least 1 minute. Turn burner control knobs OFF. Reconnect the regulator to the cylinder. Turn cylinder valve on slowly. Refer to “Lighting Instructions”.
Burner does not light, or flame is low in HIGH position.	Is LP fuel low or empty?	Refill LP cylinder.
	Is fuel hose bent or kinked?	Straighten fuel hose.
	Does the Front burner light with a match?	If you can light the Front burner with a match, then check the Crossover Ignition System.
Experiencing flare-ups:	Are you preheating barbecue in the prescribed manner?	All burners on high for 10 to 15 minutes for preheating.
	Are the cooking grates and Flavorizer bars heavily coated with burned-on grease?	Clean thoroughly. (See Section “Cleaning”)
⚠ CAUTION: Do not line the bottom tray with aluminum foil.	Is the bottom tray “dirty” and not allowing grease to flow into catch pan?	Clean bottom tray
Burner flame pattern is erratic. Flame is low when burner is on HIGH. Flames do not run the whole length of the burner tube.	Are burners clean?	Clean burners. (See Section “General Maintenance”.)
Inside of lid appears to be “peeling.” (Resembles paint peeling.)	The lid is porcelain-on-steel, not paint. It cannot “peel”. What you are seeking is baked on grease that has turned to carbon and is flaking off. **THIS IS NOT A DEFECT.**	Clean thoroughly. (See Section “Cleaning”.)
If problems cannot be corrected by using these methods, please contact the Customer Service Representative in your region using the contact information sheet provided with your manual.		